

U.S. ARMY MATERIEL COMMAND

LOGSA

SUPPORTING WARFIGHTERS GLOBALLY

Army Serial Number Tracker (ARSNT)

3 Jun 09

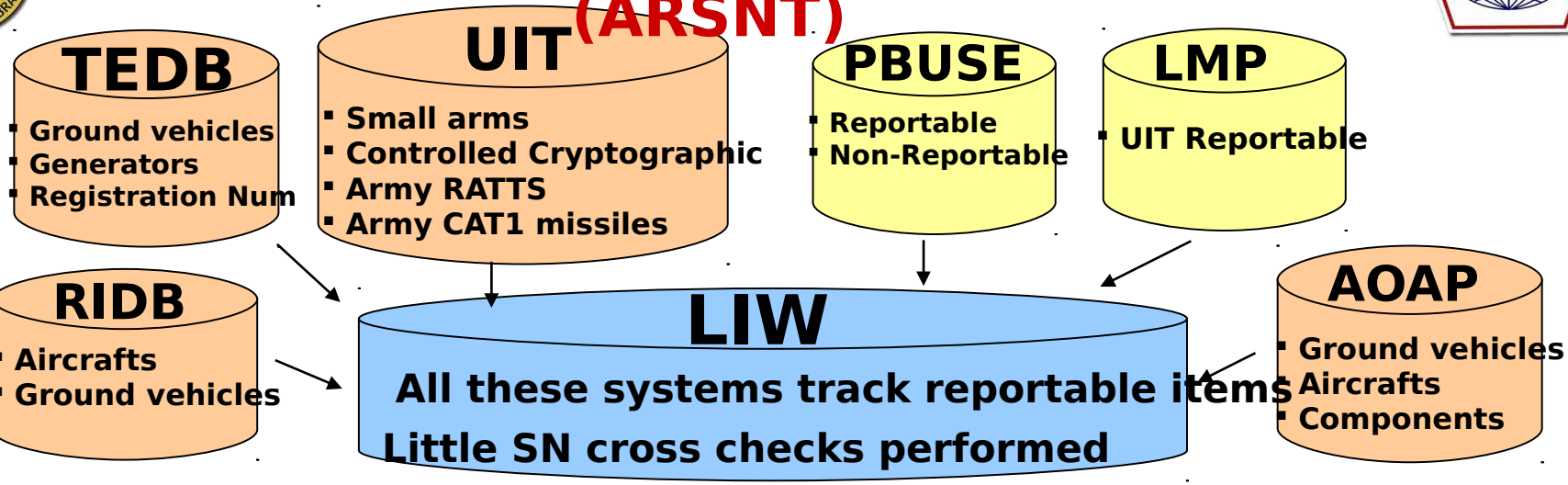
Mike Waraksa

AMERICA'S ARSENAL FOR THE BRAVE

SUSTAINING THE ARMY THROUGH THE MATERIEL LENS...

CONFRONT CHALLENGES -- CONQUER ADVERSITY -- SOAR TO EXCELLENCE!

Introduction
Army Serial Number Tracking (ARSNT)



Example of Output Reports

- Recap, Overhaul, Rebuilt
- Verification of Serial/Registration
- NSN redesignation
- Usage Reports
- Age of Fleet
- Readiness Reports
- UIT Reports

LEGEND

- Army Oil Analysis Program (AOAP)
- Logistics Integrated Data Base (LIDB)
- Logistics Modernization Program (LMP)
- Property Book Unit Supply Enhance (PBUSE)
- Readiness Integrated Data Base (RIDB)
- TAMMS Equipment Data Base (TEDB)
- Unique Item Tracking (UIT)

LOGSA has several SN systems, all contained in LIW WebLIDB

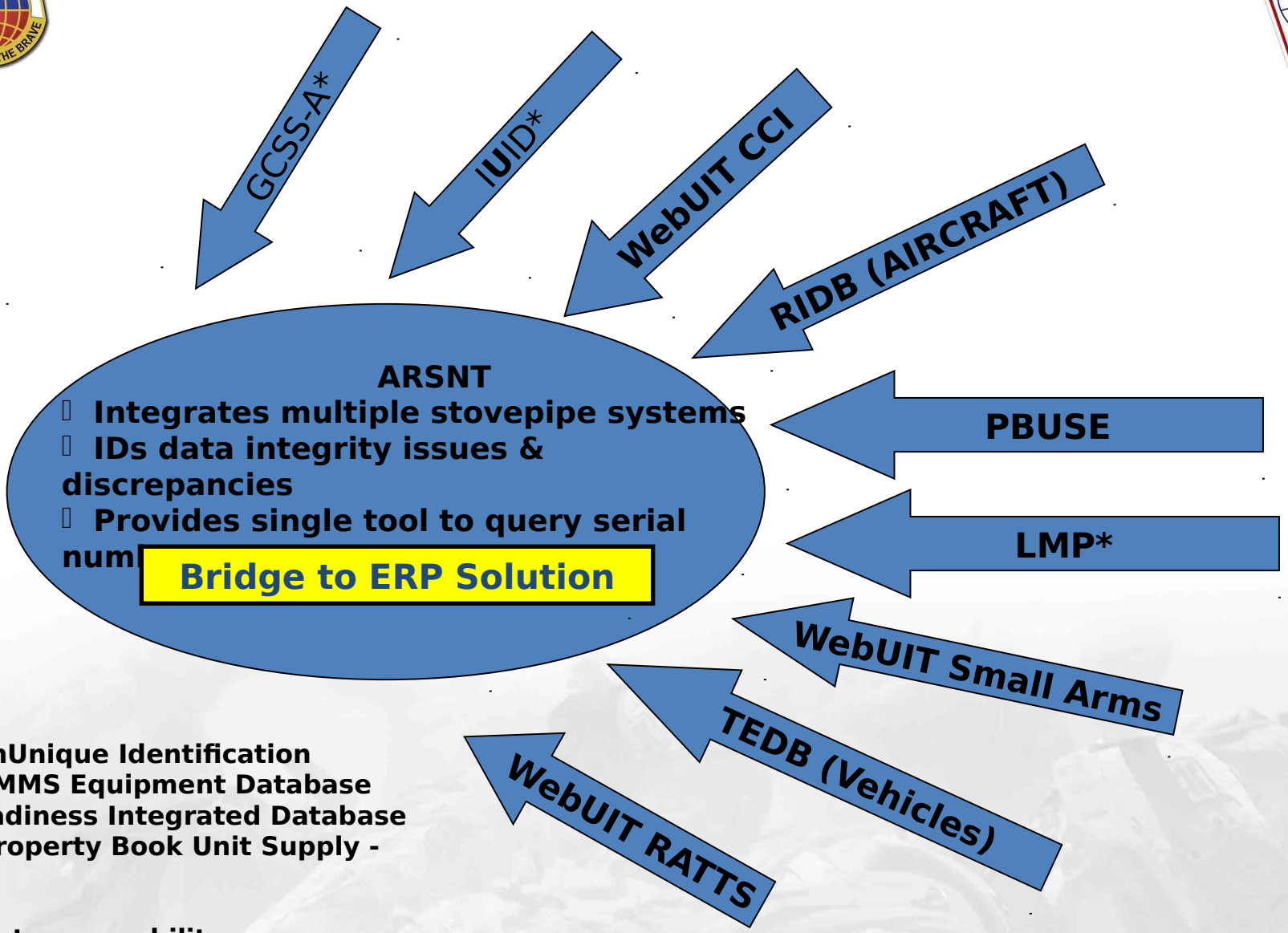
Introduction
Army Serial Number Tracking (ARSNT)

- Currently, there is no single system that integrates all SN data
 - PBUSE, UIT, TEDB, RIDB, LMP, and AOAP all Independent Systems
- ARSNT is a LOGSA initiative to consolidate all SN data
 - Will integrate LOGSA SN data with PBUSE
- ARSNT expands LOGSA's Perspective of Accepting Std and Army Only
 - To include Non-Standard and Non-Army (DLA) SN data
- Provides Single Answer as to Owner and Location of SN Items
 - Identifies Multi-Claimants
- Identifies Data Integrity Issues and Discrepancies
 - Accepts all PBUSE SN Items
- Provides Customers a MANAGEMENT Tool, as well as One Location to Query any SN
- ARSNT designed to Accommodate Emerging SN Systems
- Once completely Integrated the Vision is to Provide Customer Capability to View all Information Related to Selected SN/ UID

Incremental Approach
Army Serial Number Tracker

- **Phase 1 released Jan 06, all data except RATTS and TEDB**
- **Phase 2 released Feb 07, RATTS data**
- **ARSNT currently includes the following:**
 - **All PBUSE serial numbers**
 - **All UIT serial numbers**
 - **All RIDB Aircraft serial numbers**
- **Phase 3 (TAMMS Equipment Database (TEDB)) FY 2009**

ARSNT Full Capability



Acronyms:
IUID = ItemUnique Identification
TEDB = TAMMS Equipment Database
RIDB = Readiness Integrated Database
PBUSE = Property Book Unit Supply - Enhanced

***Denotes future capability**

Things to Remember

- **PBUSE is not the only reporting/accountability system. There are non-PBUSE users such as DPAS, Depots (DLA), Installations, Stock Record Warehouses (NGB), Center for Military History, etc. These are the clients who will be using WebUIT.**

- **PBUSE Property Books: PBUSE users should not be reporting in WebUIT, with the exception of TRAC W (RATTS Wipe Test).**
 - **There is no longer a <u>Annual</u> Wipe Test Requirement**
 - **Wipe Test still required for maintenance and shipping**

- **ARSNT is a visibility system, and receives automatic data feeds from PBUSE, UIT, RIDB. Users cannot input transactions into ARSNT.**

- **ARSNT uses specific business rules to match and close WebUIT records.**
 - **It will not match on a non-PBUSE owner. A multi-claimant between a PBUSE unit and non-PBUSE unit may be a valid condition.**
 - **It will not match current WebUIT to history PBUSE.**
 - **It does not strip weapon serial numbers (leading zeroes, special characters)**

- **To view UIT *and* PBUSE data, you must use ARSNT. There is no PBUSE data in WebUIT; only non-PBUSE data from depots, DPAS, etc. To view UIT *and* PBUSE data, you must use ARSNT.**

LOGSA ARSNT/UIT POCs

ARSNT POCs

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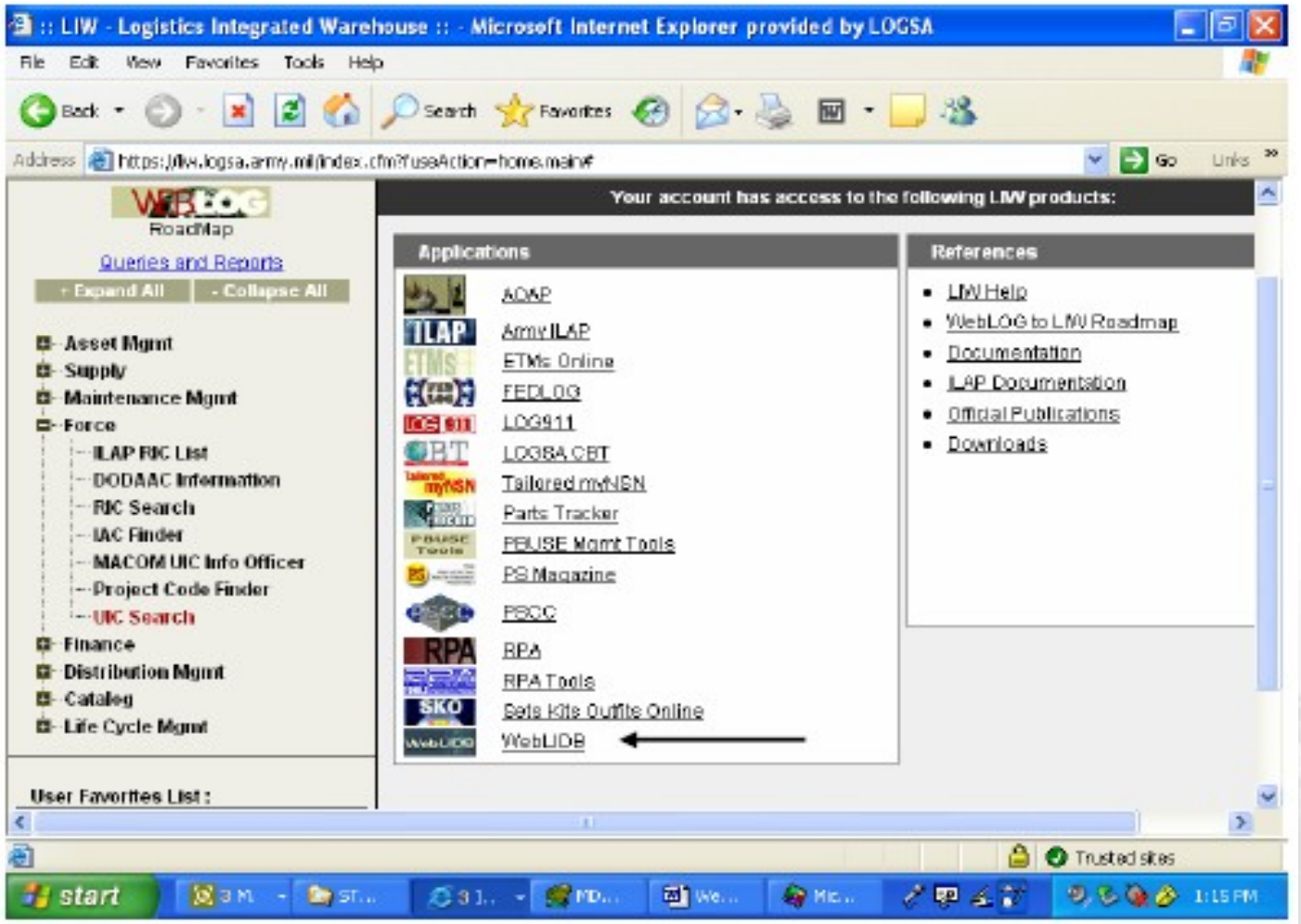
william.mckelvie@us.army.mil

Backup Slides

LIW WebLIDB

Army Serial Number Tracker (ARSNT)

The following menu will appear after entering your logon and password. To get to ARSNT, select WebLIDB (see arrow).



ARSNT GUI/ Report Areas

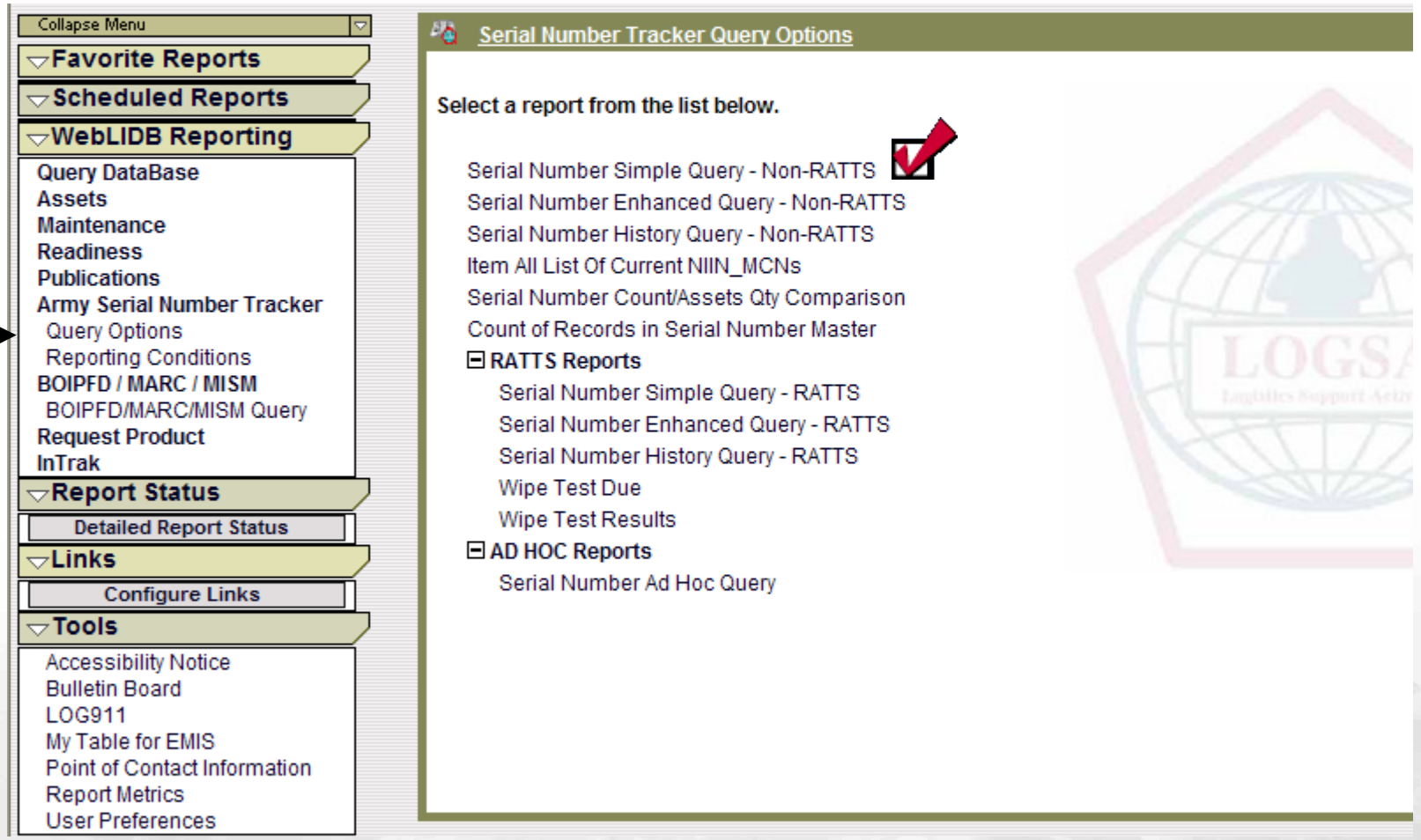
Two Areas Available to all WEBLIDB Users

Query Options

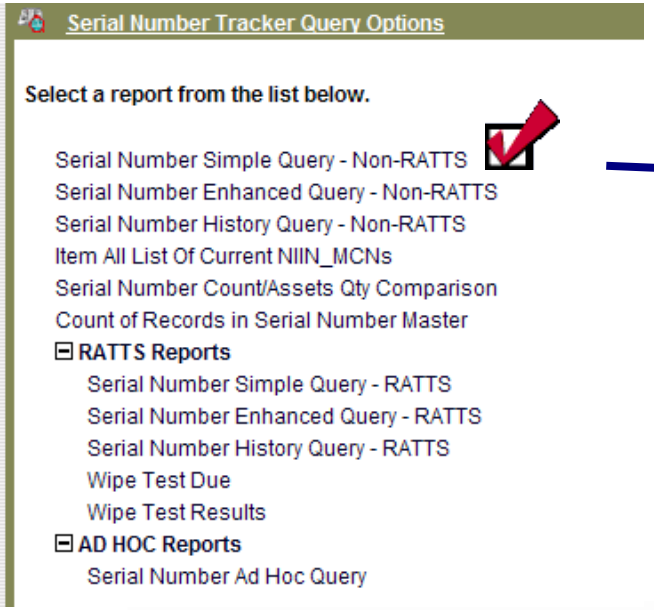
Reporting conditions

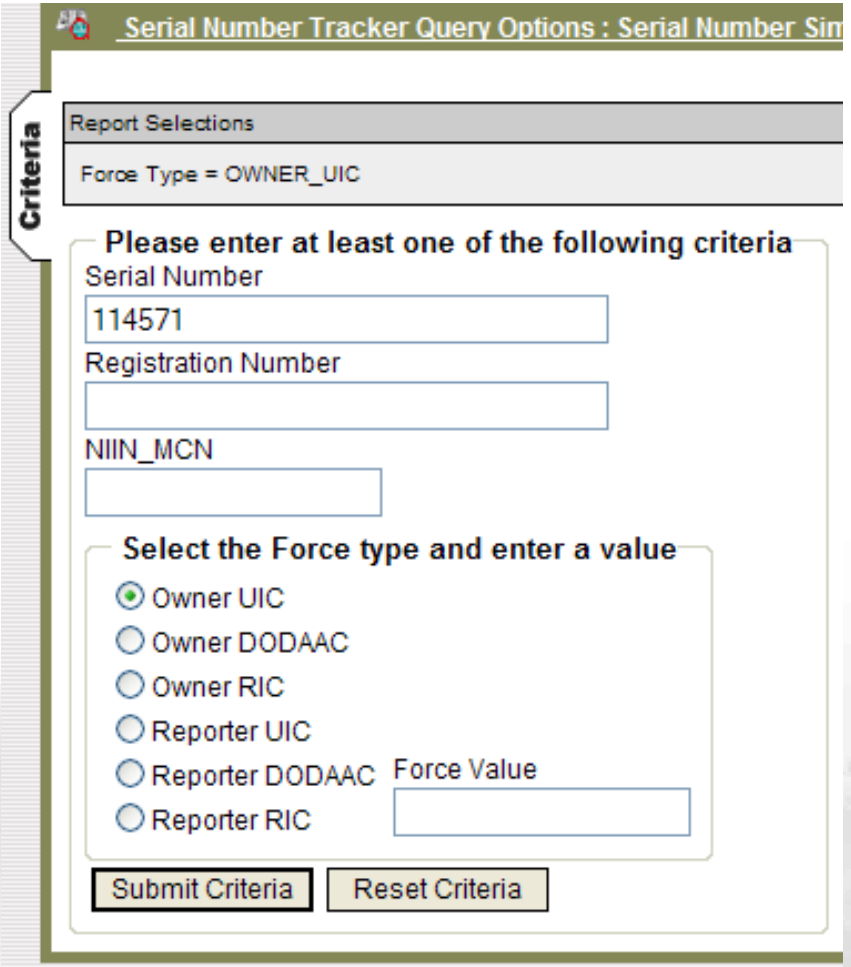
Army Serial Number Tracker Location

LIW WebLIDB



Simple Query





Purpose of Simple Query is to provide quick response to user.

No wild card capability.
Serial number or registration number is exact.
No history records, just current.

For additional capability go to Enhanced Query.

Simple Query Report

USAMC Logistics Support Activity

www.logsa.army.mil

Serial Number Simple Query - Non-RATTS

(Report run on 2009-01-27)

Hide Report Selections

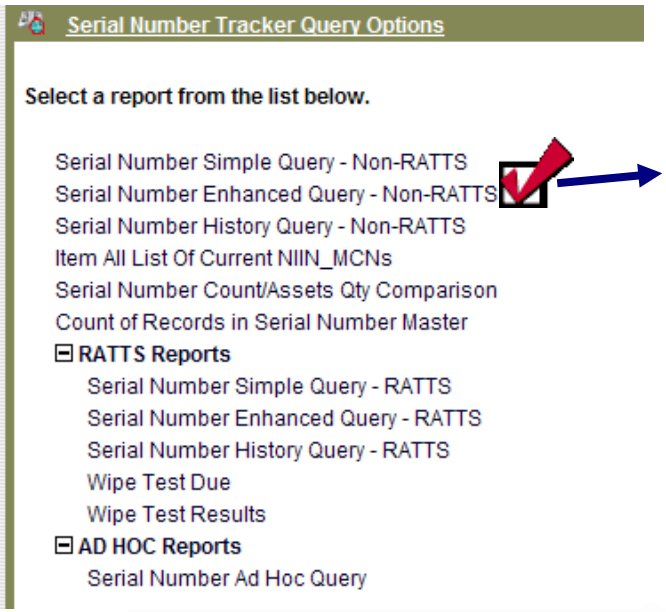
Report Selections	
Force Type = OWNER_UIC	Serial Number = 114571

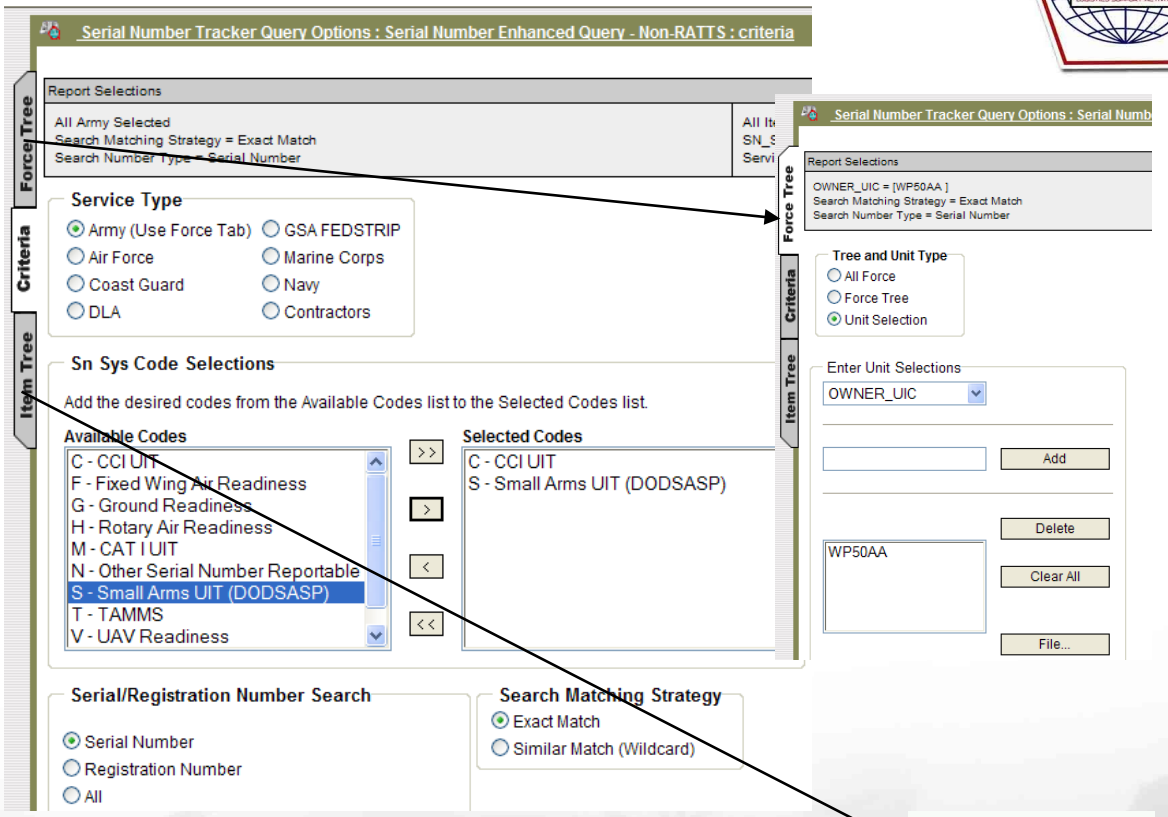
Sort/Hide

FSC	NIIN/MCN	LIN	SERIAL NUM	REG NUM	OWN UIC	OWNER DODAAC	OWN RIC	INTF CD	YR MFG	TRAC	TRANS DATE	POST DATE	STAT	DATA SRC	ERROR CODES
1005	011277510	M09009	114571		WP50AA			MN8			2008-07-15		C	PBUSE	
1010	001796447	L44595	114571		NTREQD	SW3120		YO		E	2008-01-27	2008-01-29	C	UIT	
1240	015171751	GA405T	114571		WABNC0			16LA			2008-09-30		C	PBUSE	
2320	011077155	T61494	114571	NG3VLQ	WRT7TD			5C5	1991	2	2007-12-09	2004-09-07	C	PBUSE	
5810	004343644	S01373	114571		WQF3A0			ALD			2008-11-17		C	PBUSE	
5820	014441219	R30343	114571		W6JKG1						2008-11-22		C	PBUSE	YES
5820	015353667	R45463	114571		W39002	W45G19		JJ		R	2008-02-09	2008-04-05	C	UIT	
5825	015264783	N96248	114571		WJJRB0			IQCJ			2007-03-20		C	PBUSE	

Query by Serial Number 114571

SN Tracker Enhanced Query





It is recommended that users go to criteria tab first to start queries

SN Enhanced Query

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Serial Number Enhanced Query - Non-RATTS

(Report run on 2009-01-27)

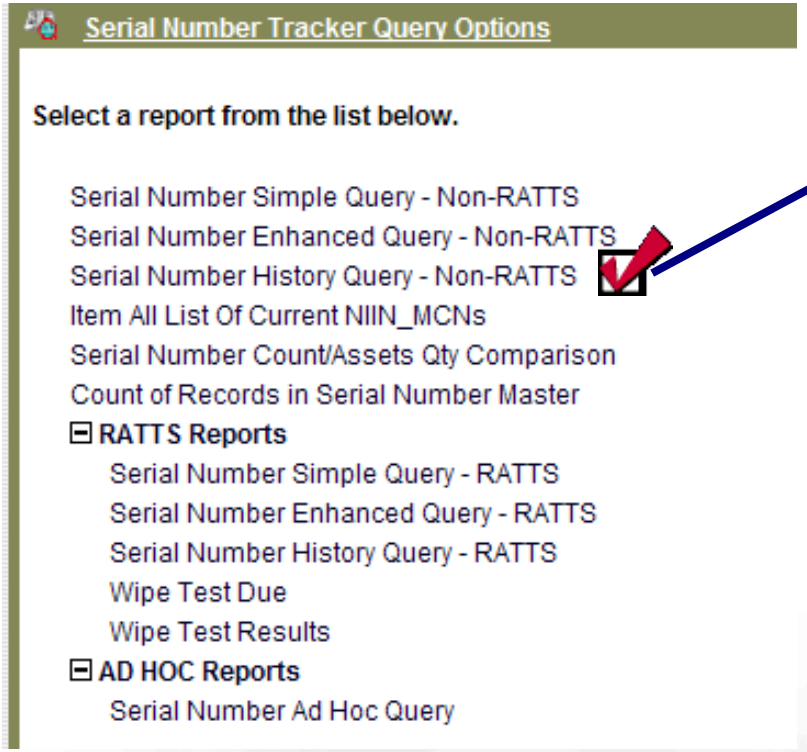
Hide Report Selections

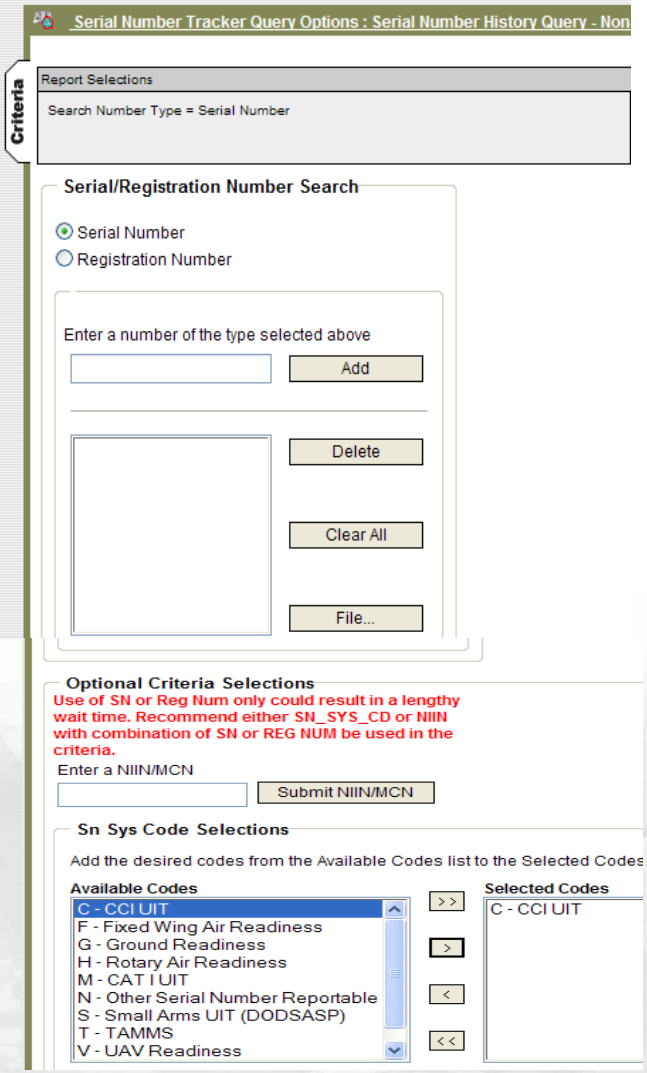
Report Selections	
OWNER_UIC = [WP50AA] Search Matching Strategy = Exact Match Search Number Type = Serial Number	All Item Selected SN_SYS_CD Selections = [C - CCI UIT] Service Type = Army

Sort/Hide

FSC	NIIN/MCN	LIN	SERIAL NUM	REG NUM	OWN UIC	OWNER DODAAC	OWN RIC	YR MFG	TRAC	TRANS DATE	POST DATE	STAT	DATA SRC	ERROR CODES
5810	012737819	K98250	4912		WP50AA					2008/12/04		C	PBUSE	
5810	012737819	K98250	5814		WP50AA					2008/12/04		C	PBUSE	
5810	013931973	D78555	046652		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	046689		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513520		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513522		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513524		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513525		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513526		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513530		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513535		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513538		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513541		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513543		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513550		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513558		WP50AA					2008/03/13		C	PBUSE	
5810	013931973	D78555	513561		WP50AA					2008/03/13		C	PBUSE	
5820	014108981	R70839	037074A		WP50AA					2006/08/17		C	PBUSE	

SN History Query





Provides a similar UIT SN history functionality; accommodates PBUSE, TEDB and RIDB

SN History Query

Serial Number History Query - Non-RATTS

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(Report run on 2009-01-27)

Hide Report Selections

Report Selections	
Search Number Type = Serial Number SN_SYS_CD Selections = [C - CCI UIT]	NIIN/MCN = 013931973 Search Numbers = [046652, 046689]

Sort/Hide

FSC	NIIN		SERIAL NUM	MODEL		SN SYS CD
5810	**013931973**		046652	CYZ10C3		C

TRAC	FORM NUM	DIC	TRANS ACT CD	DOC NUM	SFX	REG NUM	OWNER	SUPAD	RPTR	TRANS DATE	POST DATE	RECON DATE	STAT	DATA SRC	TO/FROM SERIAL NUM	TO REG NUM
				WP50AA8073A509			**WP50AA**			2008-03-13			C	PBUSE		
RAC	4949	ZRG	A	WP50AA8073A509			**WP50AA**	**W91JNU**		2008-03-13			H	PBUSE		
CAD	4949	ZRG	D	WP50AA8073C509			**WP50AA**	**W91JNU**		2008-03-13			H	PBUSE		

FSC	NIIN		SERIAL NUM	MODEL		SN SYS CD
5810	**013931973**		046689	CYZ10C3		C

TRAC	FORM NUM	DIC	TRANS ACT CD	DOC NUM	SFX	REG NUM	OWNER	SUPAD	RPTR	TRANS DATE	POST DATE	RECON DATE	STAT
				WP50AA8073A509			**WP50AA**			2008-03-13			C
RAC	4949	ZRG	A	WP50AA8073A509			**WP50AA**	**W91JNU**		2008-03-13			H
CAD	4949	ZRG	D	WP50AA8073C509			**WP50AA**	**W91JNU**		2008-03-13			H

Report Selections	
Data Source = ALL Search Number Type = Serial Number SN_SYS_CD Selections = [S - Small Arms UIT (DODSASP)]	NIIN/MCN = 011289936 Search Numbers = [7113007]

Sort/Hide

FSC	NIIN		SERIAL NUM	MODEL		SN SYS CD
1005	**011289936**		7113007	M16A2RIFLE		S

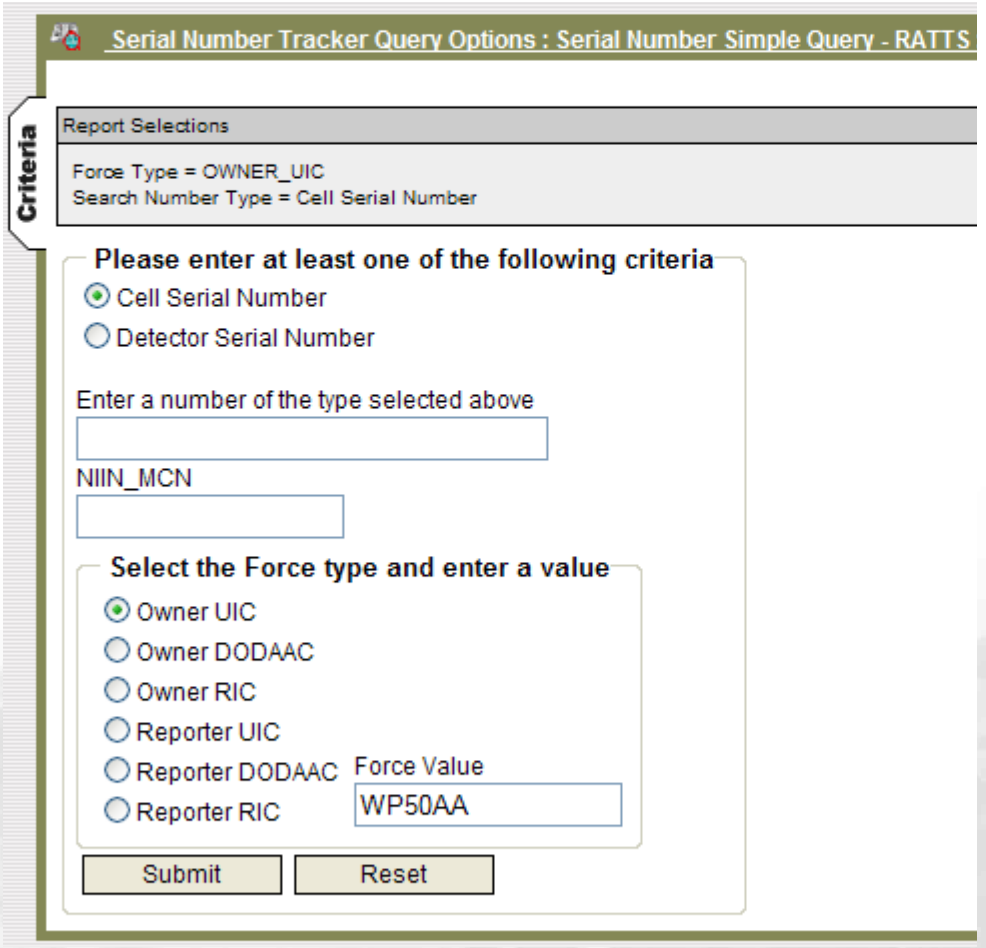
TRAC	FORM NUM	DIC	TRANS ACT CD	DOC NUM	SFX	REG NUM	OWNER	SUPAD	RPTR	TRANS DATE	POST DATE	RECON DATE	STAT	DATA SRC	TO/FROM SERIAL NUM	TO REG NUM
				WHBJHD72837510			**WHBJAA**			2007-10-10			C	PBUSE		
	3161	ZRL	I	WHBJHD71387503			**WHBJHD**	**W91KOB**		2007-05-18			H	PBUSE		
	3161	ZRL	D	WHBJAA71387502			**WHBJAA**	**W91ZUE**		2007-05-18			H	PBUSE		
	3161	ZRL	I	WHBJAA53427802			**WHBJAA**	**W91KOB**		2005-12-08			H	PBUSE		
	3161	ZRL	D	WHBJHD53427513			**WHBJHD**	**W91P0A**		2005-12-08			H	PBUSE		
	3161	ZRL	I	WHBJHD53407515			**WHBJHD**	**W91KOB**		2005-12-06			H	PBUSE		
	3161	ZRL	D	WHBJAA53407512			**WHBJAA**	**W91KOB**		2005-12-06			H	PBUSE		
	3161	ZRL	C	WHBJAA53047512			**WHBJAA**			2005-10-31			H	PBUSE		
E		DSM					**W90G8L**		**W81W29**	2004-07-08	2004-07-13	2004-07-13	H	UIT		
E		DSM					**W90G8L**		**W81W29**	2004-06-17	2004-06-30	2004-06-30	H	UIT		
E		DSM					**W90G8L**		**W81W29**	2004-05-24	2004-05-24	2004-05-24	H	UIT		
E		DSM					**W90G8L**		**W81W29**	2003-05-14	2003-05-15	2003-05-15	H	UIT		
K		DSA					**W90G8L**		**W81W29**	1997-09-29	1997-10-01	2002-05-30	H	UIT		
K		DSA					**W81PBR**		**W81W29**	1997-09-29	1997-10-01	1997-09-11	H	UIT		
K		DSA					**W15BB0**		**W16BE7**	1996-09-30	1996-10-17		H	UIT		
E		DSM					**W15BB0**		**W16BE7**	1995-06-01	1996-04-16		H	UIT		

Serial Number Simple Query - RATTS

Serial Number Tracker Query Options

Select a report from the list below.

- Serial Number Simple Query - Non-RATTS
- Serial Number Enhanced Query - Non-RATTS
- Serial Number History Query - Non-RATTS
- Item All List Of Current NIIN_MCNs
- Serial Number Count/Assets Qty Comparison
- Count of Records in Serial Number Master
- **RATTS Reports**
 - Serial Number Simple Query - RATTS
 - Serial Number Enhanced Query - RATTS
 - Serial Number History Query - RATTS
 - Wipe Test Due
 - Wipe Test Results
- **AD HOC Reports**
 - Serial Number Ad Hoc Query



Simple Serial Number Query – RATTS Report

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Serial Number Simple Query - RATTS

(Report run on 2009-01-27)

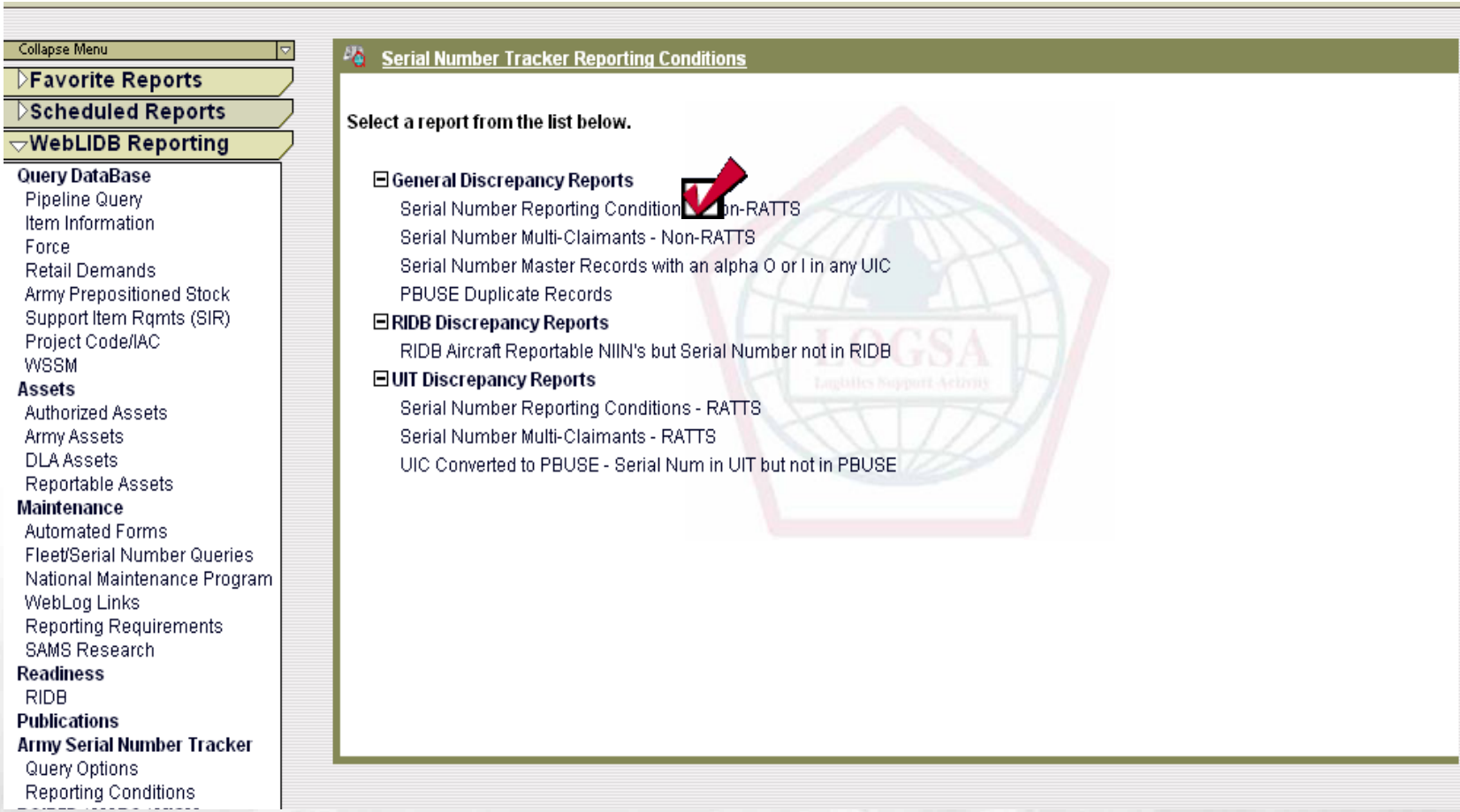
Hide Report Selections

Report Selections	
Force Type = OWNER_UIC Search Number Type = Cell Serial Number	Force Value = WP50AA

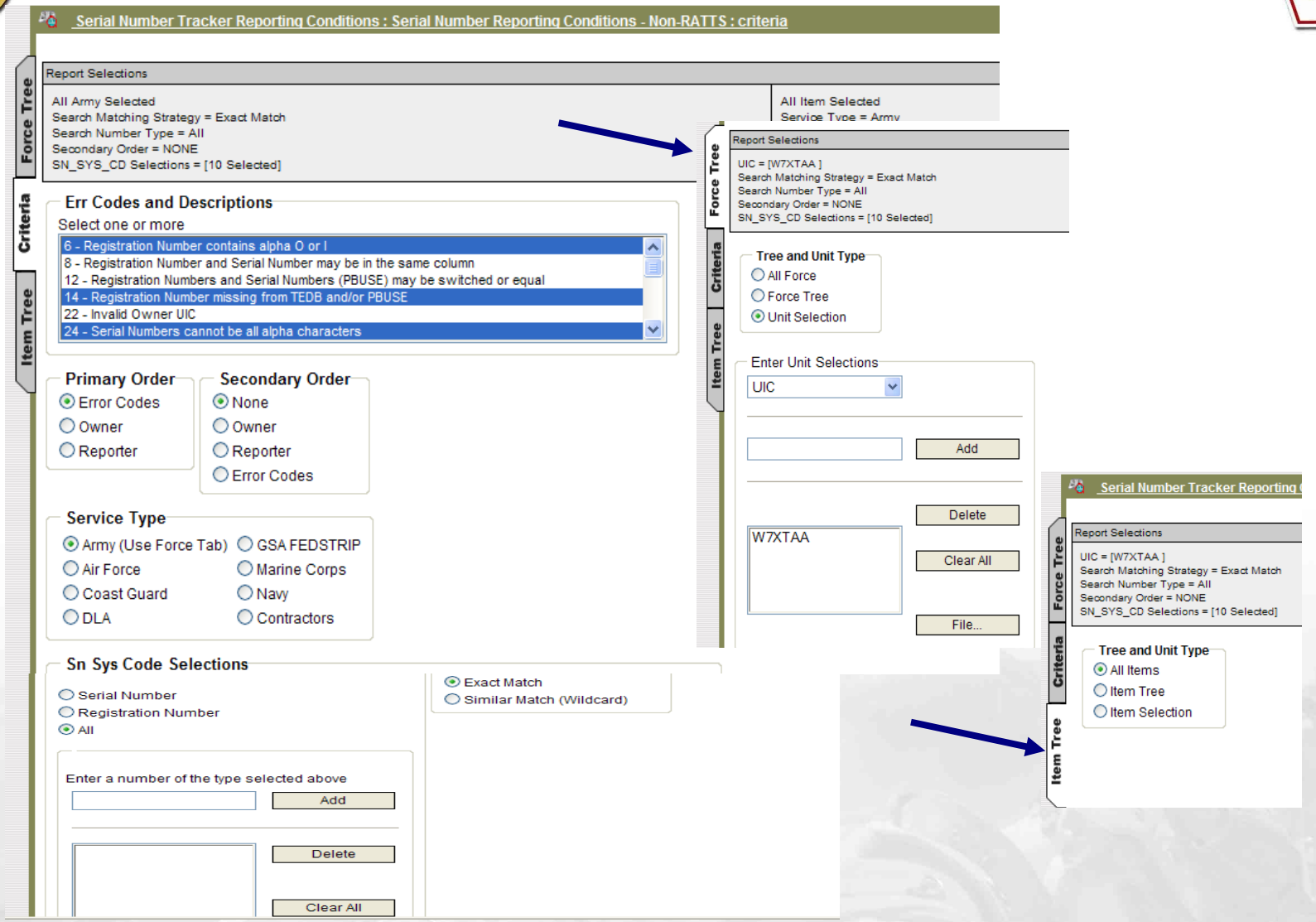
Sort/Hide

FSC	DETECTOR NIIN	CELL SN	DET SN	OWNER UIC	OWNER DODAAC	OWNER RIC	INTF CD	TRAC	TRANS DT	POST DT	WIPE TEST	STAT	DATA SRC	ERROR CODES	SN SEQ	LOT NUM	REG NUM
6665	013578502	Z-47-C-40952	Z-47-M-40818	WP50AA			MN8		2008-09-22		NO DATE NO RSLTS	C	PBUSE	YES	123733958		
6665	013578502	Z-47-C-40980	Z-47-M-40811	WP50AA			MN8		2008-09-22		NO DATE NO RSLTS	C	PBUSE	YES	123733366		
6665	013578502	Z-47-C-40986	Z-47-M-40817	WP50AA			MN8		2008-09-22		NO DATE NO RSLTS	C	PBUSE	YES	123734232		
6665	013578502	Z-47-C-40991	Z-47-M-40829	WP50AA			MN8		2008-09-22		NO DATE NO RSLTS	C	PBUSE	YES	123733959		
6665	013578502	Z-47-C-40997	Z-47-M-40826	WP50AA			MN8		2008-09-22		NO DATE NO RSLTS	C	PBUSE	YES	123732747		
6665	013578502	Z-47-C-41040	Z-47-M-40830	WP50AA			MN8		2008-09-22		NO DATE NO RSLTS	C	PBUSE	YES	123734234		
6665	013578502	Z-47-C-41052	Z-47-M-40814	WP50AA			MN8		2008-09-22		NO DATE NO RSLTS	C	PBUSE	YES	123734233		
6665	013578502	Z-47-C-41056	Z-47-M-40823	WP50AA			MN8		2008-09-22		NO DATE NO RSLTS	C	PBUSE	YES	123733365		
6665	014386963	Y14-M-34296	Y14-D-34296	WP50AA			MN8		2008-07-24		NO DATE NO RSLTS	C	PBUSE		108371799		
6665	014386963	Y14-M-34682	Y14-D-34682	WP50AA			MN8		2008-07-24		NO DATE NO RSLTS	C	PBUSE		108371313		

Serial Number Reporting Conditions Non-RATTS



Serial Number Tracker Reporting Conditions Criteria



Serial Number Tracker Reporting Conditions Report

USAMC Logistics Support Activity

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Serial Number Reporting Conditions - Non-RATTS

(Report run on 2009-01-27)

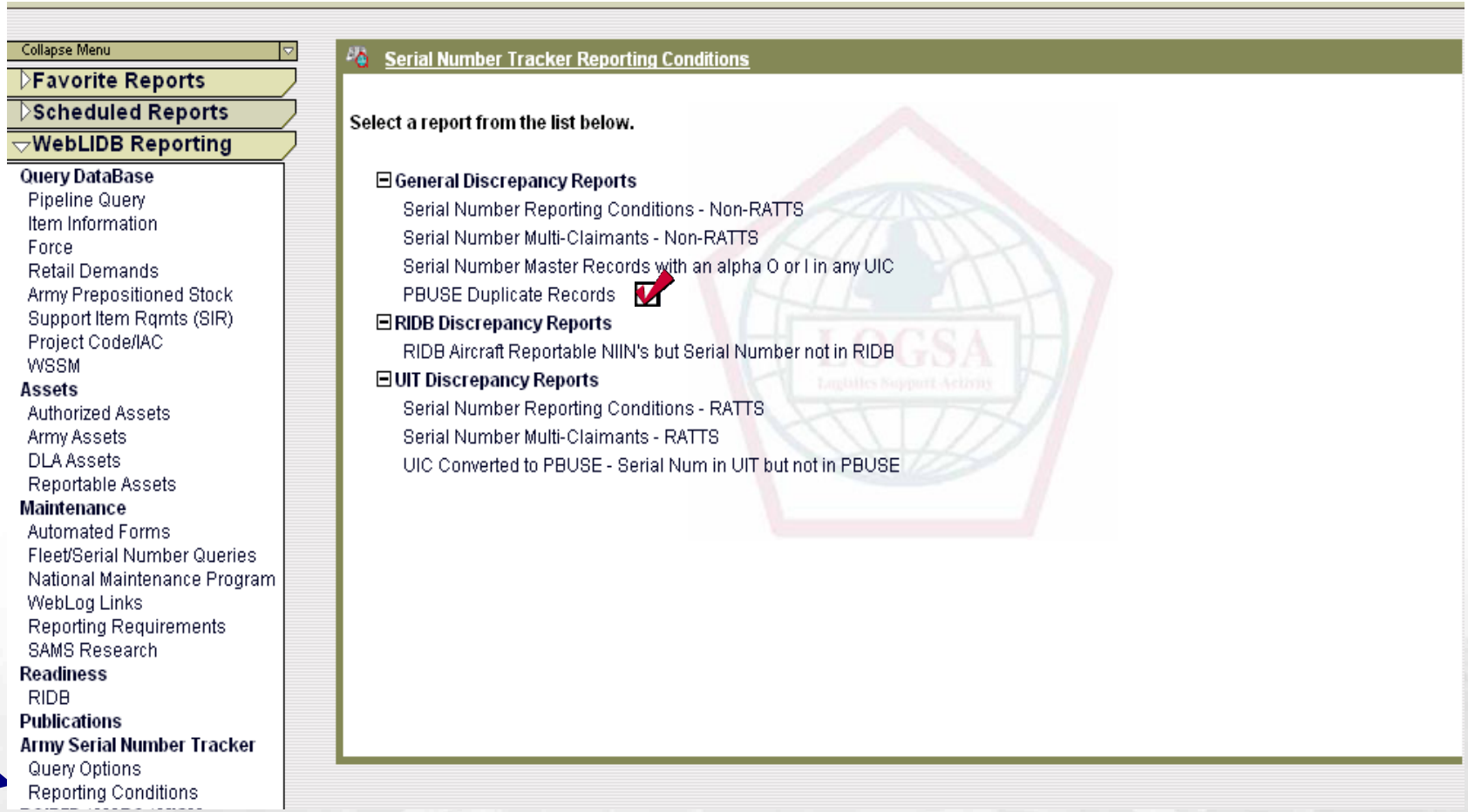
Hide Report Selections

Report Selections	
UIC = [W7XTAA] Search Matching Strategy = Exact Match Search Number Type = All SN_SYS_CD Selections = [10 Selected] Secondary Order = NONE	All Item Selected Service Type = Army Error Codes = [6, 14, 24, 30, 32, 38] Primary Order = ERROR CODES

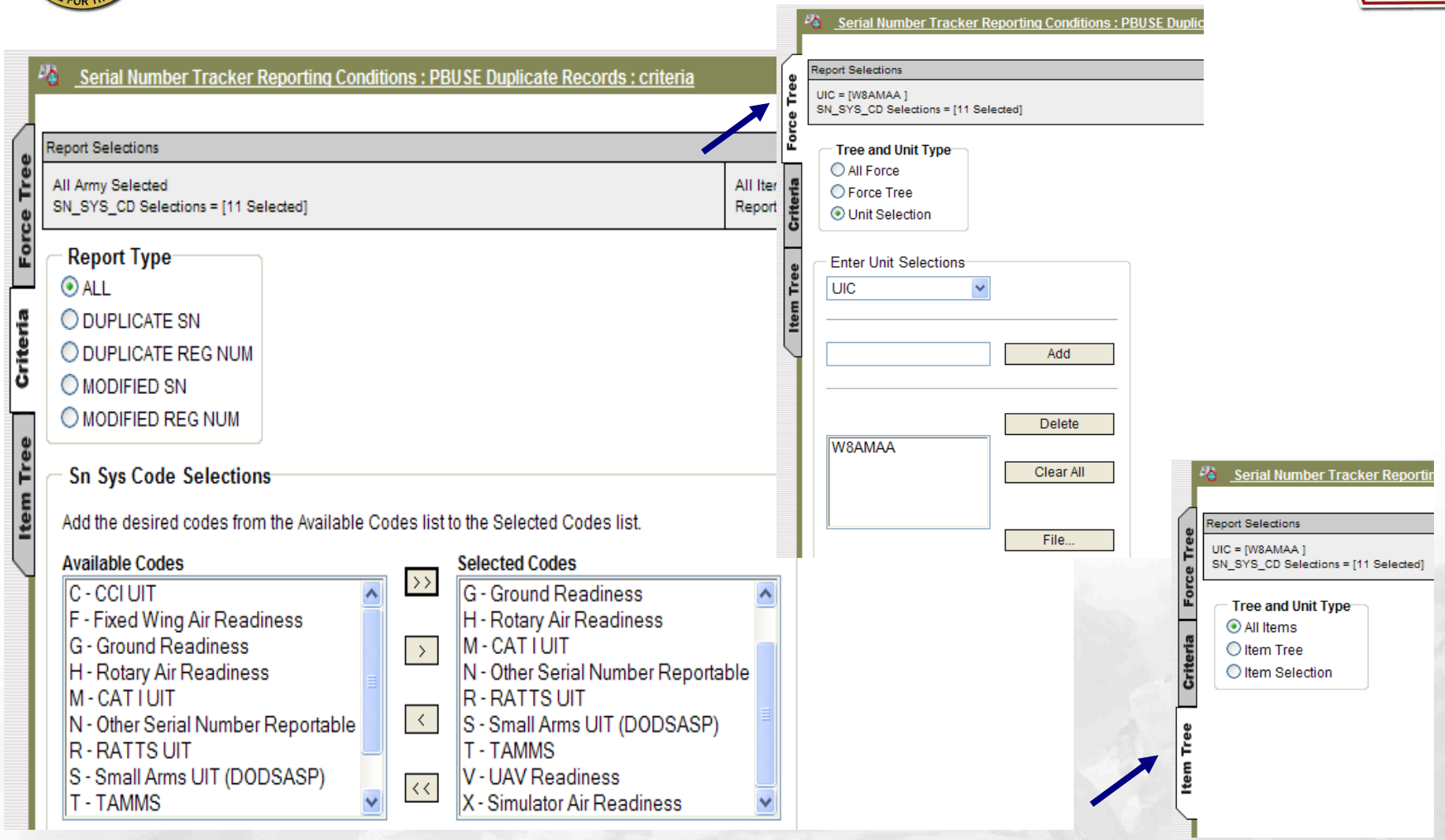
Sort/Hide

ERROR CODES	ERR CODE DESCRIPTION	RECORD COUNT
6	6 - Registration Number contains alpha O or I	1
14	14 - Registration Number missing from TEDB and/or PBUSE	2
24	24 - Serial Numbers cannot be all alpha characters	1
30	30 - Serial Number cannot have special characters (asterisk * dash comma allowed for UIT)	1
32	32 - Registration numbers cannot be all alpha characters	1
38	38 - Registration Numbers cannot contain special characters	3

PBUSE Duplicate Records



Duplicate Criteria



PBUSE Duplicates

USAMC Logistics Support Activity

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PBUSE Duplicate Records

(Report run on 2009-01-27)

Hide Report Selections

Report Selections	
UIC = [45 Selected] SN_SYS_CD Selections = [11 Selected]	All Item Selected Report Type = ALL

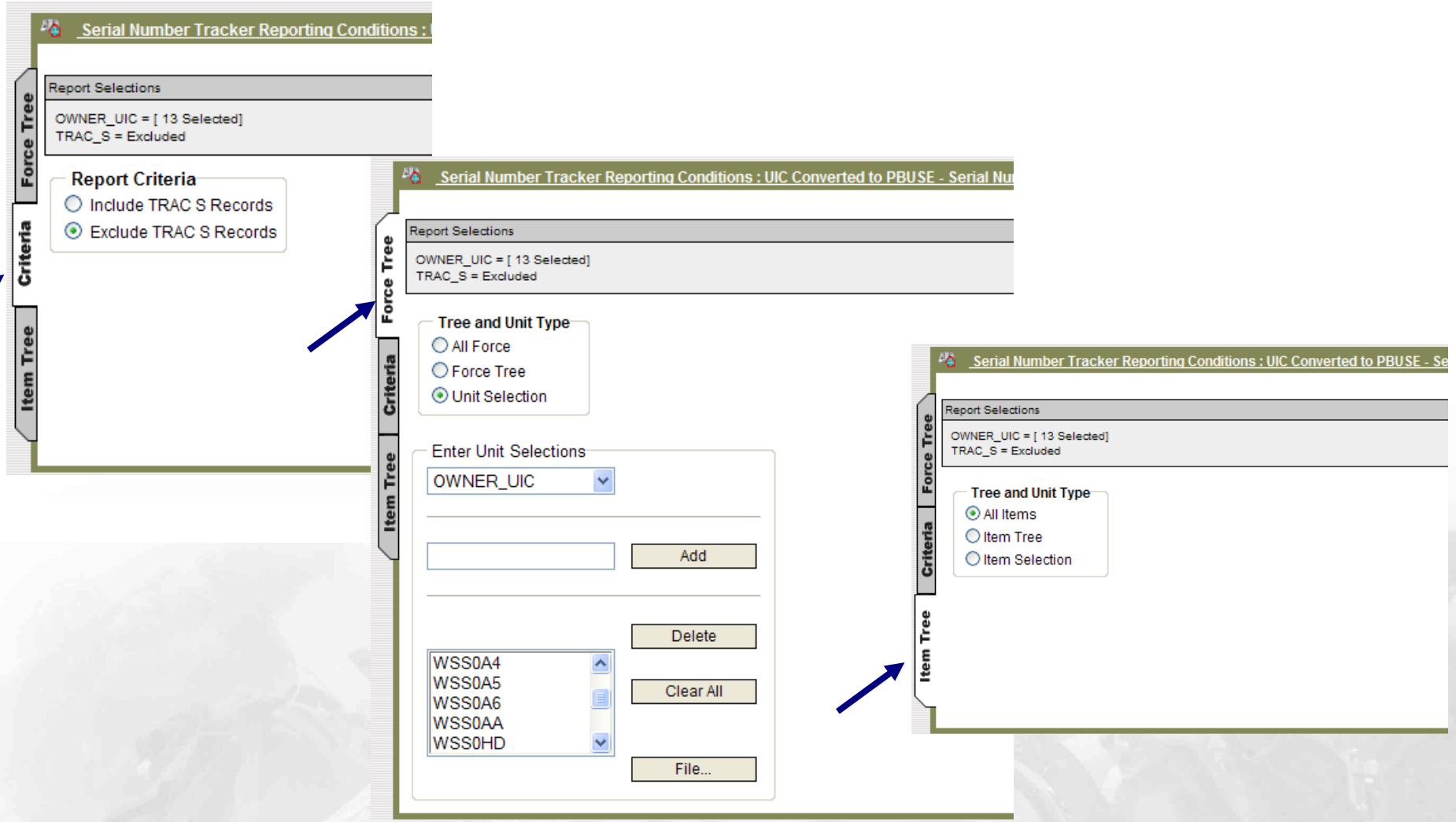
UIC	NSN	LIN	SERIAL NUMBER	REG. NUMBER	INS CD	TRANS DATE	DUP TYPE
W8AM10	2320010907836	X42201	1G8ED18JXGF146033	NF0HM7	GAA	2007/02/28	DUP REG NUM MATCH
WP88AA	2320011232665	T05028	1G8ED18JXGF146033	NF0HM7	GAF	2008/03/21	DUP REG NUM MATCH
UIC	**NSN**	**LIN**	**SERIAL NUMBER**	**REG. NUMBER**	**INS CD**	**TRANS DATE**	**DUP TYPE**
W8AM10	2320000976005	X54120	IGCHDE4J2FF337223	NG1HTP	GAA	2007/09/11	DUP REG NUM MATCH
W8AM10	2320010907891	X39893	IGCHDE4J2FF337223	NG1HTP	GAA	2007/09/11	DUP REG NUM MATCH
UIC	**NSN**	**LIN**	**SERIAL NUMBER**	**REG. NUMBER**	**INS CD**	**TRANS DATE**	**DUP TYPE**
W8AM10	2320010907891	X39893	IGCGD34J6GF314038	NG1QD5	GAA	2007/09/11	DUP REG NUM MATCH
WPDGB0	2320011236827	T59482	1GCG034J6GF314038	NG1QD5	GAH	2008/03/12	DUP REG NUM MATCH
UIC	**NSN**	**LIN**	**SERIAL NUMBER**	**REG. NUMBER**	**INS CD**	**TRANS DATE**	**DUP TYPE**
W8AM23	702101C017856	70210N	88JFK81		GAA	2008/07/24	DUP SERIAL NUM MATCH
WP8MAA	702101C017856	70210N	88JFK81		GBU	2008/12/07	DUP SERIAL NUM MATCH
UIC	**NSN**	**LIN**	**SERIAL NUMBER**	**REG. NUMBER**	**INS CD**	**TRANS DATE**	**DUP TYPE**
W8AM10	382501C044210	EA2503	1867336		GAA	2007/12/07	MODIFIED SN MATCH
W8RX10	382501C044210	EA2503	186-7336		GAX	2008/07/22	MODIFIED SN MATCH

Click on UIC to see PBUSE POC info

SN in UIT, but not in PBUSE after Conversion



UIC Converted to PBUSE



Query Results

USAMC Logistics Support Activity

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UIC Converted to PBUSE - Serial Num in UIT but not in PBUSE

(Report run on 2009-01-28)

Hide Report Selections

Report Selections	
OWNER_UIC = [13 Selected] TRAC_S = Excluded	All Item Selected

Sort/Hide

FSC	NSN/MCN	SERIAL NUM	TRAC	OWN UIC	OWNER DODAAC	OWN RIC	SN SYS CD	TRANS DATE	STAT	DATA SRC
5820	013187990	26636A0276	K	WSS0AA	W91XYJ		C	2003-04-02	C	UIT
1005	011289936	0164615	R	WSS0AA	W91XYJ		S	2003-03-23	C	UIT
1005	011289936	0164611	R	WSS0AA	W91XYJ		S	2003-03-23	C	UIT

Conclusion/Summary

Questions?

LOGSA ARSNT/UIT POCs

ARSNT POCs

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